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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:13:32 ON 27 APR 2006

=> s (drug delivery) and (solution or suspension or gel)
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=> file caplus uspatfull eptfull japiio medline biosis embase scisearch		
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	ENTRY	SESSION
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FILE 'CAPLUS' ENTERED AT 16:14:48 ON 27 APR 2006
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Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul53cxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS	4	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	5	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	6	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	7	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	8	JAN 30	Saved answer limit increased
NEWS	9	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	10	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	11	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	12	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	13	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	14	FEB 28	TOXCENTER reloaded with enhancements
NEWS	15	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	16	MAR 01	INSPEC reloaded and enhanced
NEWS	17	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	18	MAR 08	X.25 communication option no longer available after June 2006
NEWS	19	MAR 22	EMBASE is now updated on a daily basis
NEWS	20	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	21	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	22	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS	23	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	24	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	25	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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=> s (drug delivery) and (solution or suspension or gel)

3 FILES SEARCHED...

L1 67507 (DRUG DELIVERY) AND (SOLUTION OR SUSPENSION OR GEL)

=> s l1 and (hydrophobic solvent)

L2 149 L1 AND (HYDROPHOBIC SOLVENT)

=> s l2 and (hydrophilic solvent#)

L3 42 L2 AND (HYDROPHILIC SOLVENT#)

=> s l3 and (benzo? or phthal? or salicyl? or citr?)

L4 33 L3 AND (BENZO? OR PHTHAL? OR SALICYL? OR CITR?)

=> s l4 and dibenzoate

L5 2 L4 AND DIBENZOATE

=> d l5 1-2 ibib abs

L5 ANSWER 1 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2002:325683 USPATFULL

TITLE: Particles comprising amphiphilic copolymers

INVENTOR(S): Forster, Denis, Ladue, MO, United States

Jacob, Gary S., Creve Coeur, MO, United States

Warner, James M., Webster Groves, MO, United States

PATENT ASSIGNEE(S): Washington University, St. Louis, MO, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6491903	B1	20021210
APPLICATION INFO.:	US 1997-884012		19970627 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-20693P	19960627 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Fubara, Blessing	
LEGAL REPRESENTATIVE:	Senniger, Powers, Leavitt & Roedel	
NUMBER OF CLAIMS:	76	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	4998	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided are methods of inhibiting bile acid uptake from the gastrointestinal system and reducing blood serum cholesterol by administering to a mammal, such as a human, an effective amount of particles comprising amphiphilic copolymers, having a crosslinked shell domain and an interior core domain.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2002:102059 USPATFULL

TITLE: Particles comprising amphiphilic copolymers, having a crosslinked shell domain and an interior core domain, useful for pharmaceutical and other applications

INVENTOR(S): Wooley, Karen L., St. Louis, MO, United States

Thurmond, II, K. Bruce, St. Louis, MO, United States

Huang, Haiyong, St. Louis, MO, United States

PATENT ASSIGNEE(S): Washington University, St. Louis, MO, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6383500	B1	20020507
APPLICATION INFO.:	US 1997-902614		19970627 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-20693P	19960627 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Fubara, Blessing	
LEGAL REPRESENTATIVE:	Senniger, Powers, Leavitt & Roedel	
NUMBER OF CLAIMS:	98	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	5105	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided are particles comprising amphiphilic copolymers, having a crosslinked shell domain and an interior core domain. Also provided are compositions comprising such particles, including pharmaceutical compositions, methods of making the present particles, and methods of using such particles, for example for delivery of pharmaceutically active agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 16:13:32 ON 27 APR 2006)

FILE 'CAPLUS, USPATFULL, EPFULL, JAPIO, MEDLINE, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 16:14:48 ON 27 APR 2006

L1 67507 S (DRUG DELIVERY) AND (SOLUTION OR SUSPENSION OR GEL)
L2 149 S L1 AND (HYDROPHOBIC SOLVENT)
L3 42 S L2 AND (HYDROPHILIC SOLVENT#)
L4 33 S L3 AND (BENZO? OR PHTHAL? OR SALICYL? OR CITR?)
L5 2 S L4 AND DIBENZOATE

=> s l4 and ((benzyl alcohol) or methanol or butanol or triacetin or diacetin or tributyrin or (triethyl citrate) or (tributyl citrate) or (acetyl triethyl citrate) or (acetyl tributyl citrate))

L6 17 L4 AND ((BENZYL ALCOHOL) OR METHANOL OR BUTANOL OR TRIACETIN OR DIACETIN OR TRIBUTYRIN OR (TRIETHYL CITRATE) OR (TRIBUTYL CITRATE) OR (ACETYL TRIETHYL CITRATE) OR (ACETYL TRIBUTYL CITRATE))

=> s l6 and bioerod?

L7 4 L6 AND BIOEROD?

=> d l7 1-4 ibib abs

L7 ANSWER 1 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2004:189789 USPATFULL

TITLE: Liquid polymeric compositions for controlled release of bioactive substances

INVENTOR(S): Chern, Rey T., Harteyville, PA, UNITED STATES
Zingerman, Joel R., Doylestown, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004146557	A1	20040729
APPLICATION INFO.:	US 2004-753724	A1	20040108 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-271098, filed on 18 Mar 1999, GRANTED, Pat. No. US 6733767		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-79574P	19980319 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MERCK AND CO INC, P O BOX 2000, RAHWAY, NJ, 070650907	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1205	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Controlled release of hydrophobic bioactive substances in vivo over an extended time period and without "bursts" of drug release is achieved using a liquid polymeric composition including a polymer such as poly(lactide-co-glycolide) copolymer in a mixture of hydrophilic and lipophilic solvents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 2 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2002:126037 USPATFULL
 TITLE: LIQUID POLYMERIC COMPOSITIONS FOR CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES
 INVENTOR(S): CHERN, REY T., HARTEYVILLE, PA, UNITED STATES
 ZINGERMAN, JOEL R., DOYLESTOWN, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002064547	A1	20020530
	US 6733767	B2	20040511
APPLICATION INFO.:	US 1999-271098	A1	19990318 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-79574P	19980319 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MERCK AND CO INC, P O BOX 2000, RAHWAY, NJ, 070650907	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1183	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Controlled release of hydrophobic bioactive substances in vivo over an extended time period and without "bursts" of drug release is achieved using a liquid polymeric composition including a polymer such as poly(lactide-co-glycolide) copolymer in a mixture of hydrophilic and lipophilic solvents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 4 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2004:35523 EPFULL
 UPDATE DATE PUBLICAT.: 20050831
 DATA UPDATE DATE: 20050831

DATA UPDATE WEEK: 200535
 TITLE (ENGLISH): Liquid polymeric compositions for controlled release of bioactive substances
 TITLE (FRENCH): Compositions polymeres liquides pour la liberation controlee de substances bioactives
 TITLE (GERMAN): Fluessige Polymerlosung zur Kontrollierten freisetzung von bioaktiven substanzen
 INVENTOR(S): Chern, Rey T., 126 East Lincoln Avenue, Rahway, NJ 07065, US; Zingerman, Joel R., 126 East Lincoln Avenue, Rahway, NJ 07065, US
 PATENT APPLICANT(S): Merck & Co. Inc., P.O. Box 2000 Rahway, New Jersey 07065-0900, US
 PATENT APPL. NUMBER: 200474
 AGENT: Buchan, Gavin MacNicol, et al, Merck & Co., Inc., European Patent Department, Terlings Park, Eastwick Road Harlow,, Essex CM20 2QR, GB
 AGENT NUMBER: 125921
 DOCUMENT TYPE: Patent
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 PATENT INFO TYPE: EPA1 Application published with search report
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	EP 1484033	A1	20041208
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE		
EXTENSION STATES:	LT LV RO SI		
APPLICATION INFO.:	EP 2004-76699	A	19990318
RELATED DOC. INFO.:	EP 1999-911462		19990318 EP 1063942 Parent Application
PRIORITY INFO.:	US 1998-79574P	P	19980319
	GB 1998-15801	A	19980721

ABEN

Controlled release of hydrophobic bioactive substances in vivo over an extended time period and without "bursts" of drug release achieved using a liquid polymeric composition including a polymer such as poly(lactide-co-glycolide) copolymer in a mixture of hydrophilic and lipophilic solvents.

L7 ANSWER 4 OF 4 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:24509 EPFULL
 UPDATE DATE PUBLICAT.: 20050615
 DATA UPDATE DATE: 20050615
 DATA UPDATE WEEK: 200524
 TITLE (ENGLISH): LIQUID POLYMERIC COMPOSITIONS FOR CONTROLLED RELEASE OF BIOACTIVE SUBSTANCES
 TITLE (FRENCH): COMPOSITIONS POLYMERES LIQUIDES POUR LA LIBERATION CONTROLEE DE SUBSTANCES BIOACTIVES
 TITLE (GERMAN): FLUESSIGE POLYMERLOSUNG ZUR KONTROLLIERTEN FREISETZUNG VON BIOAKTIVEN SUBSTANZEN
 INVENTOR(S): CHERN, Rey, T., 126 East Lincoln Avenue, Rahway, NJ 07065, US; ZINGERMAN, Joel, R., 126 East Lincoln Avenue, Rahway, NJ 07065, US
 PATENT APPLICANT(S): MERCK & CO., INC., 126 East Lincoln Avenue, Rahway, New Jersey 07065, US
 PATENT APPL. NUMBER: 200475
 AGENT: Horgan, James Michael Frederic, et al, Merck & Co., Inc. European Patent Department Terlings Park Eastwick Road, Harlow, Essex CM20 2QR, GB
 AGENT NUMBER: 86873

DOCUMENT TYPE: Patent
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1063942	B1	20040623
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WO 9947073		19990923
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DESIGNATED STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

EXTENSION STATES: AL LT LV MK RO SI

APPLICATION INFO.: EP 1999-911462	A	19990318
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WO 1999-US5938	A	19990318
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RELATED DOC. INFO.: EP 2004-76699	20040610	EP 1484033
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Divisional Application

PRIORITY INFO.: US 1998-79574P	P	19980319
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GB 1998-15801	A	19980721
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CITED NON PATENT LIT.: SINGH U V; SISHT K S; RAO S; DEVI P U; UDUPA N:

"Reduced toxicity and enhanced antitumor efficacy of plumbagin using poly(lactic-co-glycolic) biodegradable injectable implant" INDIAN JOURNAL OF PHARMACOLOGY, vol. 29, 1997, page 168-172 XP002197869;

SHAH N H ET AL: "A BIODEGRADABLE INJECTABLE IMPLANT FOR DELIVERING MICRO AND MACROMOLECULES USING POLY(LACTIC-CO-GLYCOLIC) ACID (PLGA) COPOLYMERS" JOURNAL OF CONTROLLED RELEASE, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 27, no. 2, 1 November 1993 (1993-11-01), pages 139-147, XP000400402 ISSN: 0168-3659;

CHEMICAL ABSTRACTS, Vol. 37, No. 1-2, 1995, (Columbus, Ohio, USA), Abstract No. 124:37547, CARRIO et al., "Preparation and Degradation of Surfactant-Free PLGA Microspheres", XP002918853; & JOURNAL OF CONTROLLED RELEASE, 1995, Vol. 37(1-2), pages 113-121.